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Vol. 10 JANUARY 1929 No. 7

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... ASBESTOS ...

A MONTHLY MARKET JOURNAL

DEVOTED TO THE INTERESTS OF THE ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER - - - EDITOR

PUBLISHED BY

C. J. STOVER

PHILADELPHIA, - PENNSYLVANIA

Entered As Second Class Matter November 23, 1923, at the Post Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879

Volume X JANUARY 1929 Number 7

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SUBSCRIPTION PRICE

U. S., CANADA AND MEXICO - - $2.00 PER YEAR
FOREIGN COUNTRIES - - 3.00 " "
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A Backward Glance

The Asbestos Industry has shown more than usual activity, more than usual development during the past year.

In reviewing the happenings in the Industry during 1928, the outstanding feature appears to be the number of mergers (or purchases one company by the other) within the Industry. In view of the continually increasing number of mergers in the general industrial field, this is, we believe, indicative of the healthy trend of the Asbestos Industry along the lines followed by other businesses; certainly it indicates advancement. The Plant Rubber & Asbestos Works of San Francisco, it will be remembered, purchased the Southern Asbestos & Magnesia Company of Los Angeles, along in December 1927; during October 1928, Paraffine Companies, Inc., in turn, purchased the Plant Rubber & Asbestos Works. The Celite Company of Los Angeles, in April purchased the National Magnesia Mfg. Company of Redwood City, and this has been followed by the recent acquisition of The Celite interests by Johns-Manville Corporation.

Certainteed Products Corporation purchased Beaver Products Company in April, and about the same time, agreement was signed by H. F. Watson Company, Continental Roofing & Mfg. Company and The Ruberoid Company, for the merging of these three companies.

Latest of all, two large English concerns, Turner-Newall Limited and Bells United Company Limited, completed amalgamation, making the Turner-Newall Limited, by far the largest controller of asbestos interests in the world.

The second most important development in the Asbestos Industry during the past year, was the tremendous activity and interest shown in the African Asbestos fields, and, secondarily, in the Arizona Asbestos Deposits. True, a great deal of this activity can be classed as wild-cat promotion, or at best, as over-enthusiasm, but when men like Sir Edmund Davis in Africa and Dr. R. V. Mattison in Arizona, show a real interest, and evidence that inter-

est by actual cash outlay, it places the stamp of genuineness and gives reliability to projects which might otherwise be regarded as somewhat illusive.

The development of the African Asbestos fields has also been tremendously helped by the construction of the new railway, extending from Somabula, 63 miles into the heart of the asbestos fields, this being completed and opened on May 18th.

Another development of unusual interest, which may have a far reaching effect for good or ill on the Asbestos Industry is the constantly increasing production and use of the moulded type of brake lining, at least ten brake lining manufacturers now being producers of this type of lining. We hope to discuss the moulded brake lining situation rather fully in the February number of *"Asbestos"* and urge any of our readers familiar with the production, sale or use of this type of lining to send us promptly their views as to the continued manufacture and use of this type of lining, its advantages, disadvantages, etc.

In the research, or scientific field, the X-Ray study of Asbestos fibres has created much interest, and undoubtedly such study will be intensively continued during the coming year, with probably valuable, and most certainly interesting, findings.

In productive capacity, we can point to progress in the mining field, by the erection of the new mill at the Beaver Mine, Thetford (owned by Asbestos Corporation Limited, and that of the Regal Mines in Arizona. Milling machinery has also been installed in various mines in Africa, probably to a greater extent than ever before. The manufacturing division of the Asbestos Industry does not show so much progress in this direction, possibly because 1927 was rather a banner year in the erection of new manufacturing plants or the enlarging of old ones.

More than usual interest has been exhibited in Asbestos Stocks during 1928, both in America and England, due partly no doubt to the greatly increased activity in all stocks, and partly to the fact that the Asbestos Indus-

try has been brought, thru various mergers, purchases, etc., more prominently to the attention of the public than ever before.

Of interest also are the two important Asbestos Suits instituted during the year—that of U. S. Government vs. various asbestos firms, and that of Keasbey vs. Mattison; the effect on the Industry of these suits cannot be definitely determined at the present.

Such is a brief resume of 1928 in the Asbestos Industry. In no other year of its history has the Industry shown so much real effort in advancing its interests.

Nineteen Twenty-eight has been an interesting year, and a fairly profitable one. We believe it is only the beginning of a period of real advancement, and hope to see in 1929 co-ordinated effort in many directions—particularly in the advancement of the uses of asbestos and its products.

Advertising, research, standardization, tariff—these are some of the activities which should be given real attention by the Industry as a whole during the coming year. There are many improvements which, with a minimum of effort and a maximum of co-operation, could be made to the profit of all.

Let us drink to the advancement of the Asbestos Industry during 1929!

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Slate Surface Shingles
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Asphalt and Tarred Felts
Water-proof Insulating Paper
Roof Paints
Asbestos Roof Cements
Asphalt Pitch

THE PHILIP CAREY COMPANY
Lockland, Cincinnati, Ohio

The Automobile Industry in 1928

The statistics on the Automobile Industry for 1928, are such that ten years ago they would have been entirely inconceivable by general business.

1928 shows a production in the United States and Canada of 4,630,000 cars and trucks. Eighty-five per cent of the cars, or 3,441,600, were of the closed type.

Tire production in the United States during 1928, totalled 78,500,000 tires.

There were registered in the United States during 1928, 24,750,000 motor vehicles, 78% of the total world registration which was 31,725,000.

There are 615 miles of surfaced highways in the United States, total mileage of all highways in this country being 3,013,584. $1,500,000,000 was spent during 1928 on highways.

4,110,000 persons were employed in motor vehicle and allied lines during the year.

Eighty-five per cent of rubber products manufactured in the United States during the year, were used by the automobile industry; 60% of the plate glass, 12% of the copper, 15% of the iron and steel, 80% of the gasoline consumption.

Total gasoline used by motor vehicles during the year was 10,860,000,000 gallons, with 434,000,000 gallons of oil.

The increase in the use of motor trucks is shown by the figure of 3,120,000 motor trucks in use, with 92,000 motor buses.

The foreign sales of motor vehicles in 1928 increased 26% over those for 1927; 520 motor vehicles were imported during the year.

These facts were compiled by the National Automobile Chamber of Commerce, and astounding as they may seem, we have no doubt the figures for 1929 will be even higher.

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Johns-Manville

CORPORATION

EXECUTIVE OFFICES: NEW YORK

Branches In All Large Cities

JOHNS MANVILLE JM CORPORATION

The Outlook for 1929

(As Seen by Prominent Men in the Asbestos Industry.)

We asked a number of the leading men in the Asbestos Industry for their comments on the outlook in the Asbestos Industry for 1929. While many did not reply to our request, because of absence and various other reasons, we believe the following comments are representative of the Industry, and feel certain our readers will be much interested in reading these opinions.

W. G. Ross, President,
Asbestos Corporation, Limited.

The outlook for asbestos, as regards particularly the mining and Canadian end for 1929, is one that concerns the manufactury of asbestos products for one reason in particular, and that is supply. An important factor that has hampered the mining end of asbestos is the price at which the mining companies sell their product. Few manufacturers seem to realize or appreciate the fact that asbestos mining companies labor under great difficulties. Among those is the vast operations of mining and milling that the mining companies are put to to produce asbestos, the general impression being that the price of crude or long fibre governs the profits, and as the price of these appears fair, that there must be large profits derived from the mining end, forgetting, or not knowing, the actual conditions that confront the miner. When it is considered, however, from the actual and practical side of the mining end that the percentage, first of all, of asbestos of all grades in the rock averages approximately 5% and the production of this small percentage requires expensive mining equipment and operations and expensive mills and machinery, let alone the depreciation of the mines, one can realize what the miner is up against.

For instance, of the 2,000,000 tons of rock mined, hoisted and put thru the mills, with their vast and intricate machinery, by the Asbestos Corporation alone approximately only 100,000 tons of asbestos is produced. This fact is impressive and especially so when one considers that of this 100,000 tons, only approximately 1½%

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Paris (VIIe), France

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Hamburg, Germany

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is Crude, 5% is long fibre, 20% shingle fibre, and the balance, or 73,500 tons are below these grades and sold to the manufacturers at or below the cost of production, and as Charles M. Schwab has just recently remarked: "Prosperity to be permanent must be equally distributed."

As regards the outlook for 1929, there will be a shortage of material. The mines have been laboring under adverse conditions. These undoubtedly will improve as the year goes on, but the increase of production of this remarkable material will have difficulty in keeping pace with the rapid increase of uses, old and new, and it will tax the mining companies to keep pace with them.

Richard V. Mattison, M. D., President,
Keasbey & Mattison Company

Asbestos in 1929 will have a strong and possibly a still further advancing market thruout the entire year for both Crudes and Spinning fibres, as reserve stocks are becoming exhausted.

The Bell Mines shipped 1,000 tons of No. 1 Crude in 1928, but notwithstanding the fact that it enters the New Year with a large daily output of No. 1 Crude, it cannot duplicate these shipments in 1929 without "robbing the Mines" or its Ambler stocks, and this is held by the management to be injudicious, regardless of price conditions. The same conditions apply more or less to No. 2 Crudes.

In 1930 or 1931 there will probably be another story to tell in regard to spinning fibre, as either Russia or South Africa can supply the world with Spinning fibres, without any help from Canada. In short fibres, however, the case is wholly different, and the short-fibred sceptre remains in the hands of Canada. Thruout the next several months Asbestos Shingle fibres will be scarce, at least, and this scarcity may possibly continue thruout the entire year.

Short fibres are cursed by increasing stocks, so that the most of these will go over the dumps, as usual. The finding of a new and large use for these grades is the salvation of the Canadian Asbestos Mines, so far as permanent profits are concerned. This preponderant position of short fibres, on account of freights to a nearby market,

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E. SCHAAF-REGELMAN

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New York, N. Y.

Crude -:- Spinning Fibre
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Owning and Operating

REGAL ASBESTOS MINES, Inc.

Producers of

Arizona Asbestos

European Head Office
Merckhof
HAMBURG
Germany

IMPORT

EXPORT

should bring a million dollars annually into the hands of Canadian investors, thru additional dividends derived from the sales of this "refuse," the most of which is now either not made, or thrown away.

Alvin M. Ehret, President,
Ehret Magnesia Mfg. Company.

While our business in 1928 has been satisfactory, particularly the last four months, all indications point to a better volume for us for 1929. Many new hotels and large office buildings, together with ever increasing need for educational institutions and new power plants, make our prospects very bright.

Our production will be increased by numerous new additions which are now being made to our plant, prominent among which is a complete new power plant, and material extensions to our drying capacity.

A. K. Burgstresser, President,
Norristown Magnesia & Asbestos Company.

In delving into the future with the aim of determining what it will bring forth for the asbestos industry, one might do very well to consider the feeling that is now so prevalent among the owners of industry. If such a feeling may be taken as an indication of what the future holds in store, the outlook for 1929 certainly gives promise of a very good year. I believe, judging from present indications that the last half of 1929 will develop to such an extent that the following year will bring forth the best of results.

As our own business is in part dependent on the conditions of other industries and because we feel that such conditions are going to improve, we are planning for an increased business during the latter part of 1929 and the year following. Our method of merchandising has meant much to us as well as to our customers. Coupled with this method of merchandising we have improved the quality of our material and our manner of packing and handling which has also resulted in greater satisfaction to our trade. We have too, at this time, several additional improvements in mind that we feel are going to turn out most favorably for all concerned.

I must confess that we feel quite optimistic about the

Asbestos Corporation Limited

The Largest Producers of Raw Asbestos in the World

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outlook for the asbestos industry, mainly because of the interest shown on the part of the manufacturers of asbestos materials in their desire to promote the industry and the uses of asbestos. We are led to express our opinion as we do because of the experience we recently had with a small pamphlet giving fifty uses of a certain asbestos product. The replies resulting from this were such that we most strongly believe that the future of the asbestos industry will be one of deep interest and steady development.

George L. Abbott, President and General Manager,
The Garlock Packing Company.

At the moment the indications visible to us point to a good and prosperous year in the asbestos industry. We find a growing demand for high grade packings, in which asbestos is one of the principal materials employed. The trend of development in modern packing using equipment demands in appreciable degree the employment of an increasing percentage of asbestos packings. Given the active and prosperous year in nineteen hundred and twenty-nine that many of our business seers are foretelling, there is bound to be a marked increase in the outlet for asbestos packings and other asbestos products.

Right now our Company is operating at a high rate of production. In the year just closed, we manufactured and delivered the largest tonnage in our history. For the new year we contemplate no radical expansion. Any additions to buildings and equipment will be simply sufficient to take care of the normal increase in the demand for our established products.

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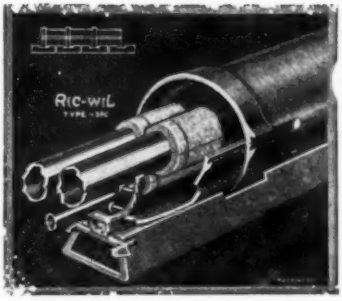

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ASBESTOS BRAKE LINES

This page devoted each month to the discussion of brake lining activities by the Asbestos Brake Lining Association

ANNUAL MEETING MARKS YEAR OF PROGRESS

On December 12th, 1928, the Asbestos Brake Lining Association held its annual election of officers at the Biltmore Hotel, New York City. The meeting was well attended, almost every member company being represented. The following officers were unanimously elected for the coming year.

J. T. Spicer, Johns-Manville Co., President.
H. W. Kelsey, Russell Mfg. Co., 1st Vice President.
Wm. Brookes, Ferodo & Asbestos Co., 2nd Vice President.
W. J. Parker, Commissioner.

The year just closing has proved a year of considerable progress for the A. B. L. A. and active for all committee work. It is expected that the new committees, representing the highest minds in the industry, recently appointed by President Spicer will continue the good work; preparing a uniform Cost Accounting system for adoption by all members, the dissemination of technical information for a more intelligent understanding of brakes and brake linings for the general public; and the publication of a Data Book containing complete information in regard to brake lining and clutch facing sizes on all passenger cars and trucks for distribution among the service stations and garages.

At its last meeting the entire membership voted to adopt the Code of Ethics which it has been working on for many months and which sets forth the policies which all members have subscribed to follow in the future in their dealings with each other and the general public.

The A. B. L. A. is very pleased to announce the addition of the Horton Corporation of Worcester, Mass., to its membership.

A special clutch facing committee, which has been working on a clutch facing list for some time, is now ready to publish for use to the entire trade, list of all facings being manufactured for original equipment and replacement purposes by the members of the A. B. L. A.

ASBESTOS

Canadian Crude
Canadian Spinning Fibre
Canadian Shingle Fibre
Russian Crude
Rhodesian Crude
South African Blue Crude
South African Yellow Crude

ASBESTOS LIMITED INC.
8 West 40th Street : New York City

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E. M. ROGERS
President

The story of the rapid progress made by the Rogers Asbestos Company of Houston, Texas, is told on the opposite page.

Besides the Houston main office, the Company has sales offices in eight other Texas towns.

The Dallas Branch of the company on November 14th moved into its new $137,000 building at 947 S. Lamar Street. The building contains 60,000 square feet of floor space.

B. N. WADLEY
Vice President

The Rogers Asbestos Co., Inc.

And Its Rapid Progress in the Asbestos Contracting Line

The rapid growth of business established for the purpose of handling and applying insulation and roofings, indicates a real need for such contractors and distributors.

On several occasions we have recited the story of success attained by insulation contractors. Probably no Asbestos Contractor in the country can claim as rapid and sound advancement as the Rogers Asbestos Company the business of which was actually started in 1916 by Ed. M. Rogers, but not incorporated until 1921.

Mr. Rogers' first connection with the asbestos industry was in Georgia and Florida with the Keasbey & Mattison Company. In 1914 Mr. Rogers was sent to Houston, Texas, by his firm, as District Manager in that territory. In 1916 he opened an office of his own in Houston as an independent distributor and contractor in all insulating lines. The following year he opened a second office in Dallas, Texas, with one man in charge.

The two offices continued to grow and in 1921 the Rogers Asbestos Company was incorporated, with E. M. Rogers as President, B. N. Wadley and W. W. Bates, Vice Presidents, and S. Rudnick, Secretary-Treasurer. The original capitalization was $40,000.

Just prior to the incorporation of the company, arrangements were completed by which the complete insulation line of the Philip Carey Company was to be handled by the Rogers interests in the entire State of Texas, and the Carey roofing line in the Northern portion of the State.

In 1926 the original capitalization was doubled, this being necessary to properly care for the increased business, and an office was opened in Fort Worth.

On January 1st, 1928, the South Texas Division took over the Carey roofing line, moving into a new modern warehouse and office building constructed for them in Houston, and opened up a complete sheet metal department as a means of better serving their customers in the

roofing trades. The Dallas Office had opened a sheet metal department the previous year.

In November 1928, the Dallas Branch moved into its big new warehouse and office building on Lamar Street, where they have some 60,000 square feet of floor area. At the same time a new company was incorporated to operate under the name of the Rogers Roofing Company, at Amarillo, Texas, the officers of this company being E. M. Rogers, President; B. N. Wadley, Secretary-Treasurer; Harrison W. Wood, General Manager. The new company will operate in the Panhandle territory, handling the Carey line of roofings and will maintain a completely modern application department.

The present officers of the Rogers Asbestos Company are E. M. Rogers, President; B. N. Wadley, Vice President, Manager of the North Texas Division; W. W. Bates, Vice President, Assistant to Mr. Rogers in the South Texas Division, and C. P. Sumners, Secretary-Treasurer with office at Houston.

Many of our readers will be glad to meet face to face (thru the photographs on page 18) Mr. Rogers and his first associate, Mr. Wadley.

One of our correspondents in Prieska, writes us that of late there has been considerable activity among prospectors and others seeking asbestos in Southwest Africa, and large areas of land mostly valueless have been pegged. A base mineral claim in Southwest Africa is a tract 1200 meters by 600, nearly 150 acres.

Almost every kind of fibrous mineral is found in that region—amphibole, vast quantities of tremolite, doubtful crocidolite, amosite, and lastly, chrysotile. Several occurrences of the last are known, but the only one offering promise so far is a widely distributed deposit on the lower slopes of the Karriesberg, a range of mountains lying about 60 miles southeast of Keetmanshoop and rising to a height of 6000 to 7000 feet.

The asbestos is of good quality and shows a fair proportion of fibre of an inch or over in length. Options over some of the most favorable looking claims have been taken by Turner & Newall, and are being actively opened up.

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NORRISTOWN - - PENNSYLVANIA

Production of Slate and Its Use in Roofing

By C. P. Harris, Ph. D.[1]

Slate has been used as a roofing material from very early times. The Romans made crude slate roofs in England about 2,000 years ago, probably not, however, on a very extensive scale. There are records of slate being used occasionally during the Middle Ages, but slate did not become an important factor in the industry until the eighteenth century.

A Slate Quarry in Vermont

Slates are clayey sediments, originally deposited on the ocean bottom, which have been raised to the surface by earth movements long ages ago, and there subjected to great pressure by the slow bending processes of the earth's crust. This procedure may be described as follows: Thru long eras, great quantities of mud were washed into the rivers and seas by frequent rains. This mud was made up almost entirely of clay, which is an aluminum silicate. When this mud reached the sea, it was deposited in layers or beds, which ultimately became covered with other materials. The whole mass hardened slowly under the influence of heat. Lifted out of the water by subterranean pressure, it cracked and split in various directions in the process of drying. Under such great pressure the masses became flattened and compressed to about half their original bulk, and in this way the tendency of slate to peel off was produced, a property which is now called "slaty cleavage."

[1]Technical Director, Universal Trade Press Syndicate.

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Quality Brake Lining
Textile Specialties

Asbestos
Yarns, Roving
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Manufactured from the raw materials by

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PHILADELPHIA, PA.

When the rock is first quarried, it is in a rather moist condition and is somewhat soft and pliable. The color is generally either black or brown, altho green, purple and other shades are found. While the rock is soft and damp it is split into the familiar shape in which it is used, as after the moisture has evaporated, it is impossible to cleave the rock into sheets sufficiently thin for roofing purposes. Some of the best slate can be split into sheets that are no more than 1/16″ thick, a remarkable illustration of the tough and homogeneous nature of the material, and the geometrical precision which exists in the arrangement of the laminations.

Slates of good quality make excellent roofing material, an instance being recorded of a house over a hundred years old having its original slate roof still intact. Slates can be judged by their appearance. White patches indicate dangerous impurities and should be avoided. When the slate is trimmed and holed, the edges should cut straight and true but should not be soft and wooly, and the holes should be pierced without splintering the underside.

After being split into sheets, the slates are trimmed into standard sizes and are sold by the mille of 1200. The following is a list of dimensions that can be obtained, but the largest and smallest sizes are not often used.

Size	No. required per sq. with 3″ lap	Wt. in Cwts. per 1200
12″ x 6″	533	14
13″ x 7″	413	18
16″ x 8″	278	25
20″ x 10″	170	40
24″ x 12″	114	59
24″ x 14″	100	70
26″ x 16″	79	94

(From Blake's "Roof Coverings")

The 20″ x 10″ size is most frequently employed. The pitch of the roof must be steeper as the dimension of the slate decreases, while with large slates a flatter pitch can be used. A slope of 30 degrees is suitable for the 20″ x 10″ size.

On cheaper buildings the slates are usually nailed directly on to the battens which have been fixed to the rafters, while on more expensive buildings, the roof is often

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WESTERN UNION
UNIVERSAL EDITION

boarded and sometimes felted before the battens are fixed. The slates may be nailed to the boarding alone, omitting the battens. A three inch lap is recommended as the most satisfactory. The lap is the distance the bottom of one slate overlaps the top of the slate on the next row below. The lap is regulated by the spacing of the battens.

The slates are first holed, that is, drilled with iron points at the places where the nails are to hold the tile on the batten. Centre-nailing and top-nailing are the preferred methods. In the former case the holes are cut at the centre of the slate 1½ inches from each side. In head nailing the slates are pierced one inch from the top and 1½ inches from each side. One method in use in France does away with holing and nailing and depends only upon a hook or wire to prevent the slates from slipping off the roof. The weight of the upper layers is considered sufficient to keep the slates down in place.

Ridges and hips are ordinarily covered with specially made tiles. These are made in various patterns and colors and are fastened in place with lime mortar. Slate ridges in two pieces are sometimes employed, but these are not satisfactory, often working loose. Lead ridges are the best for slate roofs, the lead being dressed around a roll attached to the top of the ridge. Tile ridges are almost as good, and better in appearance.

As compared with roof coverings of a vegetable or metallic nature, slate shows certain indisputable advantages. The most important is its resistance to corrosion and decomposition, either spontaneous or by weathering. Wood and sheet metal are all subject to decomposition in some way, and require repair or replacement sooner or later. This is not the case with slate. On the other hand slate has the great disadvantage of being brittle, and the individual units cannot be bent in the slightest degree without breaking. This objection, however, is largely overcome by the manufacture of special shapes for various parts of the roof. Another disadvantage, shared by all roof coverings applied in the form of tiles, is the large number of joints which are necessary and which increase the liability of leakage. Still another is the weight. This

increases two items of cost, the transportation charges, and the strength of the roof and its supports.

Slate tiles are a natural product and are lighter than the clay tiles, but heavier than tiles made of asbestos cement. Until very recently, when asbestos cement tiles have appeared in a variety of pleasing colors, slate was considered a more attractive looking roofing. Slate tiles fit more closely together than clay tiles, so that they may be laid on a flatter pitch without danger of leakage, a factor which also lessens the area to be covered. So far as durability and fireproof qualities are concerned, slate tiles may have equals, but few superiors.

Editor's Note: This article has been written for the specific purpose of informing our readers concerning various roofing materials. Previous articles in this series treated of Copper, Lead, Tin and Zinc, these articles appearing in the July, September and November 1927 and the February 1928 issues of *"Asbestos."*

JATON CLOTH
REGISTERED TRADE MARK

Waterproof and unaffected by heat or cold, remains pliable, heat resisting and will not crack, shrink or mildew.

Roofing Contractors stock Jaton Cloth to complete their line and be prepared to do canvas work on flat surfaces.

Insulation Contractors stock Jaton Cloth to take the place of ordinary canvas where a finished job is required eliminating painting.

ASHER WALTER, Sales Agent, Jaton Mfg. Corp.
26 CORTLANDT ST., NEW YORK

FACT AND FANCY

Correcting Mental Images.

Who has not had the somewhat disconcerting experience of finding that the appearance of someone with whom you have corresponded perhaps for years, does not tally, possibly is exactly the opposite, from your mental image of him?

Not long ago we met personally a man with whom we had often talked on the telephone, and were astounded to find him young, medium height, and rather stocky in build, having mentally pictured him as being tall, thin, with gray hair, middle aged and meticulous in manner.

Likewise a man whom we had always pictured as tall, well built, with an abundance of iron-gray hair and a benevolent face, turned out, upon personal introduction, to be small in stature, dark, with keen features.

All of which goes to show the delusions under which one may labor when we write to a man whom we have never personally met.

In December *"Asbestos"* we published photographs of several men in the Asbestos Industry, and since have received comment from various of our readers to the effect that they were glad to be introduced, so to speak, to men with whom they had dealt for years but had never seen.

It is pleasant, thru photographs, to be able to call a man by name when he drops in at your office, when you have never actually met him in person. It at once preposses you in his favor. Also we can write more satisfactorily to a man if we have a correct mental image of him—our letters will have a more personal touch.

All of which is recited for the particular purpose of urging our readers to send us their photographs that we may introduce you to your customers, your representatives or agents, or your sources of supply.

We receive news notes from various sources. Often we could, and would use photographs to advantage in connection with the news notes. A snap shot if clear is often very satisfactory. Even if you go to the expense of

having a photograph taken by a professional photographer, it will pay you thru the more personal contact you will receive, thru our pages, with your friends and contemporaries in the Asbestos Industry.

The United States Asbestos Co. Exhibit.

The attractive and interesting exhibit of Grey-Rock Brake Lining, and other products of the United States Asbestos Company, at the N. S. P. A. Show and Convention held in Cleveland the week of October 29th.

Uses of Amphibole.

Very often we are asked to name the commercial uses to which amphibole asbestos can be put, meaning by amphibole asbestos the short, brittle asbestos material found in many parts of the world, but particularly abundant in the southeastern part of the United States.

Everyone, we dare say, knows that a firm near Baltimore has been quite successful in treating this material chemically, after which it is used for filtering purposes.

The deposit on Sall Mountain, Ga., has been used for years to make asbestos cement, and a firm in Georgia, has developed and advertised amphibole asbestos for use in

ASBESTOS

FABRICS *and* YARNS

for Manufacturers of

BRAKE LININGS

HIGH PRESSURE STEAM PACKINGS AND FRICTION FACINGS

MADE TO SPECIFICATIONS

Samples and Prices on Request

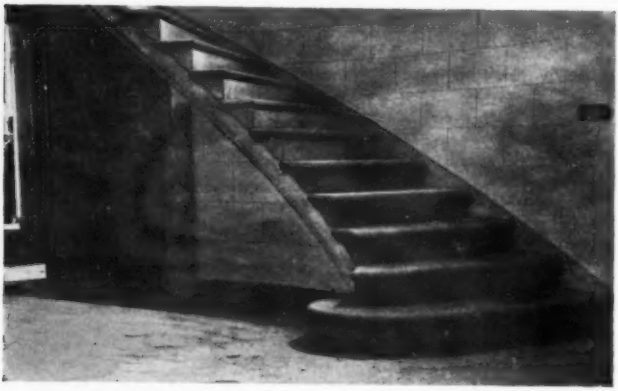
We Solicit Your Inquiries

UNION ASBESTOS & RUBBER CO.
18th & So. 54th Ave., Cicero, (Chicago) Ill.

plaster, stucco, flooring and moulded electrical goods.

To what other uses can amphibole be put? It is extremely resistant to acids; it absorbs little moisture. There are immense quantities of it available in the United States. Perhaps its development may be helped by our publishing a list of its uses. In any case if you know of some place where amphibole asbestos has actually been used, tell us about it, so that our files may have more reference material on this subject.

Asbestolith.



Photograph shows the stairway in the $200,000 Home of Mr. Sarno, Beachmont Drive, New Rochelle, finished in Asbestolith, on wood frame, in place of marble. Asbestolith is made by the Asbestolith Mfg. Co., New York City.

Tropische & Ueberseeische Rohprodukten A. G.

Alsterdamm 7

HAMBURG GERMANY

IMPORTERS & MERCHANTS OF

ASBESTOS CRUDES AND FIBRES

"CAPE" BLUE ASBESTOS

POSSESSES
DURABLE & NON-CONDUCTING QUALITIES
unequalled by any other asbestos, besides which it has:

(1) Greater tensile strength
(2) Greater specific volume
(3) Greater resiliency

SPECIALTIES:—

ALL CHEMICALLY PURE i. e. 100% ASBESTOS

"Pluto" Blue Asbestos **Mattresses** for Locomotive and Marine Boilers, etc.

Blue **Cloth** for Acid Filtration

"Bluejacket" **Sectional Covering** for steam pipes (100% Asbestos)

THE RAW MATERIAL IS GRADED AS FOLLOWS:

"S" Crude from ¼ in. to ½ in. in length of fibre
"A" Crude from ½ in. to ¾ in. in length of fibre
"B" Crude from ¾ in. upwards in length of fibre

Prices for Crude can be obtained on application direct to the Cape Asbestos Co. Ltd.

The Cape Asbestos Co Limited
Morley House 26-30 Holborn Viaduct London E.C.1.
Factory, Barking, Essex

Telegrams:— "Incorrupt," London. Telephone City 6937

Sole Representatives for the sale of blue manufactured goods in America.

The United States Asbestos Co. Manheim, Penna.

MARKET

TRADE MARK

ASBESTOS-CEMENT
SHINGLES
CORRUGATED
SHEETS
AND LUMBER,

ARE USED EXTENSIVELY BY THE BELGIAN RAILWAY AUTHORITIES & WAR DEPARTMENT. THIS IS PROOF OF THEIR QUALITY.

Scheerders - Van Kerchove United Company

(Ste Anme)
St. Nicolas (Waes)

QUOTATIONS, LITERATURE and SAMPLES SUBMITTED TO ANYONE INTERESTED.

General Business.

Those who have been prevailed upon to make forecasts as to business during 1929, almost unanimously agree that 1929 will be a good year—that it will continue the upward trend of 1928.

Asbestos—Raw Material.

One of our correspondents comments on the raw material situation as follows:

"Some of the Thetford Mines which were far behind on their contracts for crudes and Spinning Fibres are now doing much better, and it is likely that these old contracts will be liquidated for the most part before many months. Some new contracts for Crude and Spinning Fibre have been made for 1929 delivery. There is every indication that the 1929 production of crudes and spinning fibres in Canada will show an increase.

Canadian Shingle fibre is moving well and prices are firm. There is plenty of crudes and spinning Paper Stock, but prices

CONDITIONS

seem to be well maintained.

Some inferior grades of Shorts are now going over the dump. The African mines are increasing their production and some of them are now well up on contracts.

All danger of any shortage of spinning material has passed away and there is every reason to believe that the world production of crudes and spinning fibres will be vastly increased within another year."

Manufactured Asbestos Products.

There is little change in the general situation in manufactured asbestos products since last month.

Prices, generally, are fairly firm; volume is good for this season of the year.

Comments on other pages in this issue by some of the leaders in the Industry indicate a most promising outlook for 1929.

There is an ever growing interest in the many problems which must be

TRADE MARK

"EVERITE"

Asbestos Cement
Shingles
Lumber
Corrugated Sheets

"GIFFA"

Decorative
Wall Lining
(patented)

The best imitation of Marble Panels measuring 8' 3" x 4'
27 Patterns

Apply for Prices, Pamphlet and Free Samples

Societe Francaise de "l'Everite"

Plaine St. Denis
nr. Paris
and Bassens nr.
Bordeaux
(France)

solved by the Industry as a whole.

The future of the Industry can only be assured by all working together for the common good. This magazine stands ready to help in any and every way in our power.

Little Lessons in Selling

By John T. Bartlett

Your Price is High

If a thoroly sane man should be stood against a wall, in a silent enclosure, and a new monstrosity of science, a word-gun, was pointed at him, ceaselessly directing at him the words, "You are a black savage with rings in your ears!", what would the man do, released after a few hours of "treatment?"

He would finger his ears, to find the rings. Then he would seek out a looking glass, to observe his complexion.

The power of suggestion, directed at the salesman by the clan of buyers, with the words "Your price is high!" takes hold. More salesmen are defeated, to straggle back to the house, by this psychological warfare than by any other.

The salesman, first of all, must realize that attacks upon his prices are to be expected, and that buyers make them whether there is any actual basis or not. Second, he should realize that many of these assertions are made as "feelers." The buyer, knowing his task, wishes to assure himself that the price quoted is actually the lowest.

Salesman should understand that, decrying a price, the buyer can secure adequate satisfaction in more than one way. The obvious satisfaction is, of course, a confession. Another satisfaction is knowledge that he is obtaining, surely, the saleman's lowest price.

One salesman has a pet reply which, scores of times, has turned the question into an actual sales-builder. This is the come-back: "Mr. Jones, on the contrary, the wonder to me is how the house ever can sell such a superior article for such a low price!" And then he is off to a discussion of intrinsic qualities warranting the price asked.

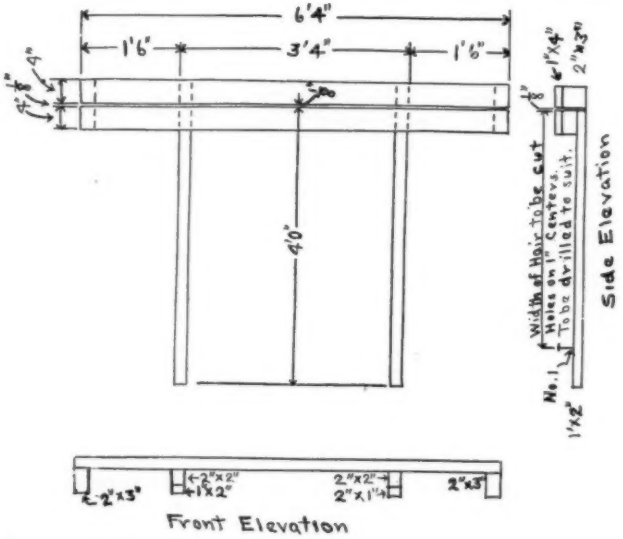
CONTRACTORS AND DISTRIBUTORS PAGE

CUTTING HAIR FELT

A man interested in the application of insulation, has given us an easy formula for the cutting of hair felt, which will most likely be helpful to at least some of our readers.

In order to cut each layer of hair felt so that it will exactly meet around the pipe, the circumference of the pipe should first be measured, and three inches added. This will then be the length of the piece of hair felt to form the first layer.

To get the length of the piece for the second layer five inches



should be added to the length of the first layer, and five inches added to the second layer to get the length of the third, and so on.

For instance, if the circumference of a pipe is 12", the piece of hair felt to be used for the first layer should measure

12" plus 3" or 15 inches.

The second layer should measure 15" plus 5", or 20 inches. Add five inches to the second layer, 20 plus 5, and you have 25 as the length of the third layer, and so on.

The same man has designed a handy device for the cutting of hair felt. We give drawings of this from which you can get an idea of the construction. If our readers desire further information concerning this hair felt cutter[1], we will be glad to answer specific questions.

We would like to resume publication of various forms, such as time slips, job tickets, estimate sheets, and other forms which you have found efficient in your day to day insulation work. Won't you contractors send us copies of such forms as you may use, pointing out their advantages? A number of contractors have told us that these forms are very helpful, and would like to see others to compare with those already published.

[1]This is very simple in construction, but most efficient.

BUILDING

Decrease was noted in Contracts Awarded in November, over October, the November figures being 14,330 projects, with 73,756, 400 square feet of floor space, value $471,482,200, and the October figures 17,929 projects, 85,703,000 square feet, value $597,103,500.

For the eleven months, January 1st to December 1st, 1928 leads over 1925, 26 and 27 as will be seen from the following tabulation:

1928	$6,195,530,000.
1927	5,825,691,000.
1926	5,843,519,000.
1925	5,477,581,000.

We are in the market for

Crude Asbestos Fibre of All Kinds

and have for sale

Metallic Yarn Waste

E. GROSS & CO., INC.

HARTFORD CONN.

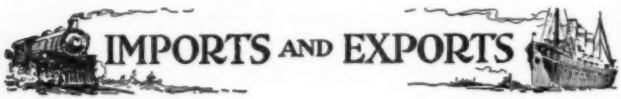
Asbestos Fibre

for the manufacture of

Roofing Cements · Fibrous Paints
Filtration Packings
Asbestos Shingles and Lumber
Insulating Cements
Asbestos Paper · Pipe Coverings
Asbestos Millboard
High Temperature Cements

THE QUEBEC ASBESTOS CORPORATION

Office and Mines
EAST BROUGHTON, PROVINCE *of* QUEBEC
CANADA



Imports into U. S. A.

Unmanufactured Asbestos.

	Nov. 1927 Tons (2240 lbs.)	Value	Nov. 1928 Tons (2240 lbs.)	Value
Africa (Br. S.)	177	$ 32,083	27	$ 3,441
Africa (Port. E.)	143	34,099	...	...
Belgium	25	3,745	55	8,010
Canada	17,108	599,722	17,887	590,452
France	...	...	97	15,885
Germany	165	54,125	309	112,534
Italy	1	175	2	2,197
Mozambique	...	...	103	41,604
Netherlands	...	...	49	5,854
United Kingdom	36	3,942	47	7,395
	17,655	$727,891	18,576	$787,372
Tabulation of Crude only:				
Africa (Br. S.)	177	32,083	27	3,441
Africa (Port. E.)	143	34,099	...	...
Belgium	25	3,745	55	8,010
Canada	356	122,500	449	101,408
France	...	...	97	15,885
Germany	165	54,125	309	112,534
Italy	1	175	2	2,197
Mozambique	...	...	103	41,604
Netherlands	...	...	49	5,854
United Kingdom	...	...	42	6,545
	867	$246,727	1,133	$297,478

The balance of the material imported during November 1928 was divided as follows: From Canada 6,903 tons of Mill Fibre, valued at $302,589, 27 tons of Stucco, valued at $450, 10,508 tons of Lower Grades, valued at $186,005; from United Kingdom, 5 tons of Mill Fibre valued at $850.

Manufactured Asbestos Goods:

	November 1927 Pounds	Value	November 1928 Pounds	Value
Yarn—				
Germany	...	...	500	$ 233
Italy	...	...	253	375
United Kingdom	48,754	$15,019	2,959	1,293

CYPRUS ASBESTOS COMPANY

LIMITED

Producers of—

CYPRUS STANDARD FIBRE

THE Standard Fibre for the manufacture of highest class of asbestos shingles, flat and corrugated sheets, etc.

CYPRUS SHORTS

Also used largely in the asbestos cement industry for mixing purposes and in the manufacture of asbestos cement panelling, etc.

Limited quantities of the above grades are still available for delivery over 1929.

For samples and prices apply to the

SOLE SELLING AGENTS

CYPRUS TRADING CORPORATION, Ltd.

49 ST. JAMES'S STREET, LONDON, S. W. I.

ASBESTOS

	November 1927 Pounds	November 1927 Value	November 1928 Pounds	November 1928 Value
Fabrics, Woven—				
United Kingdom	5,139	3,594	3,592	2,769
Packing, Fabric—				
Italy	97	203	...	...
United Kingdom	1,549	730	1,404	495
Packing, Not Fabric—				
Austria	7,784	1,710	...	...
Canada	...	...	30	23
Germany	3,439	937	2,167	1,697
United Kingdom	3,789	1,191	2,622	998
Shingles, Slate, Wood or Lumber—				
Belgium	1,320,541	20,794	2,314,248	34,125
Canada	16,745	464	180	30
France	636,492	8,084	595,557	7,501
Germany	154	3	205,182	3,453
Netherlands	460,018	9,678	442,324	7,882
United Kingdom	520	18	35,767	1,369
	2,434,470	39,041	3,593,258	54,360
Asbestos Cement—				
Canada	...	...	36,365	2,174
Cuba	...	...	240	200
Other Manufactures—				
Canada	...	...	8,724	616
Czechoslovakia	...	...	710	314
France	440	200	...	...
Germany	693	479	75	95
Netherlands	2,540	2,211	...	...
United Kingdom	...	...	10,253	3,946
Grand Total	*2,508,694*	*$65,315*	*3,663,152*	*$69,588*

Shingles, Slate, Wood or Lumber—By Districts.

	November 1928 Pounds	November 1928 Value
Baltimore	11,870	244
Galveston	1,868,686	24,045
Georgia	96,803	1,471
Hawaii	22,567	1,102
Mobile	41,200	589
New York	469,122	8,118
New Orleans	831,630	14,929
Oregon	13,200	267
Philadelphia	128,483	1,911
Porto Rico	9,000	193
Sabine (Tex.)	48,709	771
St. Lawrence	180	30
South Carolina	51,808	690
	3,593,258	$54,360

ASBESTOS

Previous month (October 1928)
See December 1928 number 2,746,924 $46,759

Exports from U. S. A.

Exports of unmanufactured asbestos during *October*[1] 1928 amounted to 57 tons, valued at $24,445; during October 1927, 14 tons, valued at $1,679 were exported.

Exports of manufactured Asbestos goods:

	October 1927		October[1] 1928	
	Pounds	Value	Pounds	Value
Paper, Mlbd. & Rlbd.	268,450	$10,783	85,995	$ 7,728
Pipe Covg. & Cement	273,325	17,606	662,406	42,917
Textiles, Yarn & Pkg.	115,693	70,504	167,824	86,833
Brake & Clutch Lin'g	55,847	35,310	613,870 li. ft.	109,097
Magnesia & Mfrs. of..	275,630	22,057	593,667	37,063
Asbestos Roofing	2,263 sqs.	22,942	9,897 sqs.	28,226
Other Manufactures..	207,692	27,705	319,099	41,839

[1]One month behind Imports.

Exports of Raw Asbestos from Canada.

	November 1927		November 1928	
	Tons (2000 lbs.)	Value	Tons (2000 lbs.)	Value
United Kingdom	1,421	$ 99,350	1,051	$ 90,348
United States	6,114	384,779	7,952	459,863
Australia	155	11,250	110	8,250
Belgium	800	48,100	725	54,178
France	1,260	91,175	925	72,700
Germany	1,767	140,510	2,143	169,125
Spain	...	...	20	1,300
Italy	576	40,600	270	19,400
Japan	620	35,750	1,046	56,330
Netherlands	480	32,650	162	8,680
	13,193	$884,164	14,404	$940,174
Sand and Waste—				
United Kingdom	110	2,375	320	5,500
United States	12,267	191,672	14,375	203,227
Belgium	250	4,950	456	7,638
France	149	3,126	100	2,125
Germany	460	7,900	630	15,750
Italy	30	750	...	...
Japan	...	...	50	1,250
Netherlands	604	13,750	...	...
	13,870	$224,523	15,931	$235,490
Grand Total	*27,063*	*$1,108,687*	*30,335*	*$1,175,664*

ASBESTOS

Imports and Exports by England.

Imports of Raw Material.

	November 1927 Tons (2240 lbs.)	November 1927 Value	November 1928 Tons (2240 lbs.)	November 1928 Value
From Rhodesia	373	£10,226	1,507	£53,435
From Canada	1,532	28,543	745	13,198
From Other Countries	897	25,020	473	10,739
	2,802	63,789	2,725	77,372
Re-Shipments	472	14,561	686	26,399

Exports of Manufactured Asbestos Goods.

To Netherlands	122	9,830	158	8,078
To France	33	7,459	29	8,342
To United States of America	54	8,349	3	1,477
To British India	1,539	30,272	838	17,751
To Australia	99	14,362	56	9,085
To Other Countries	2,075	88,204	2,043	82,581
	3,922	158,476	3,127	127,314

Asebstos Stock Quotations

For the month of December 1928	High	Low	Last
Certainteed	29	28-1/4	
Johns-Manville	199-7/8	195	
*Raybestos	80	67-3/4	
*Ruberoid	108-3/4	95-7/8	
*Southern Asbestos	49-1/2	42-3/4	
*United States Asbestos	54-3/4	48	

For the Year 1928

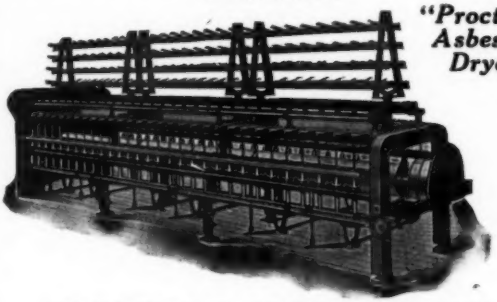
Asbestos Corp. (Common) Total Sales 148,322 shares	39-1/2	15	17
Asbestos Corp. (Pfd.) Total Sales 26,868 shares	95-1/2	59	65
Philip Carey Mfg. Co. (Common) Total Sales 636 shares	275	222	230
Philip Carey Mfg. Co. (Pfd.) Total Sales 1,075 shares	126-1/4	120	123-1/2

*Period Dec. 1st to Jan. 4th inc.

ASBESTOS YARN MACHINERY

"Smith-Furbush"

"Proctor" Asbestos Dryers



PROCTOR & SCHWARTZ, INC.

Formerly Smith & Furbush Machine Co.

Seventh St. & Tabor Rd., Philadelphia, Pa.

Nederlandsche Asbest My.

Importers of Asbestos
Crudes and Fibres

ROTTERDAM - HOLLAND

Tel. Address:
Nedam Rotterdam

P. O. BOX 803

Codes
A B.C. 5th & 6th Edition
Western Union
Lieber's Code
Lieber's Latest Code
Bentley's Complete
Phrase Code

	September 1928 Tons (2000 lbs.)	Value		
Africa (Rhodesia).				
Bulawayo District.				
Croft (Afr. Asb. Mng. Co. Ltd.)	149.60	£ 3,216	8	0
Nil Desperandum & Sphinx (Afr. Asb. Mng. Co. Ltd.)	619.75	13,919	12	0
Norma (United Mining & Gen. Tr. Ltd.)	20.50	410	0	0
Pangani (J. S. Hancock) (with adj. July and Aug.)	10.00	327	8	0
Shabani (Rho. & Gen. Asb. Corp. Ltd.)	1,269.02	25,380	8	0
Lomagundi District.				
Ethel (Union & Rhod. Tr. Ltd.) ...	30.00	600	0	0
Victoria District.				
Gath's (Rho. & Gen. Asb. Corp. Ltd.)	523.26	10,465	2	0
King (Rho. & Gen. Asb. Corp. Ltd.)	305.20	6,104	0	0
	2,927.33	£60,422	18	0
Less over-declared on adjustment to 3/31/27—Gath's		783	17	10
	2,927.33	£59,639	0	2
Production during Sept. 1927 ..	*2,538*	*£52,542*		

Africa (Union of South Africa)	September 1927 Tons (2000 lbs.)	Value	September 1928 Tons (2000 lbs.)	Value
Transvaal.				
Amosite	828.62	£ 8,755	515.00	£ 4,970
Blue	17.50	700	11.00	384
Chrysotile	1,068.00	17,242	934.00	14,799
Cape.				
Blue	385.29	8,431	369.88	8,431
	2,299.41	£35,128	1,829.88	£28,584

Canada (Estimated by Dominion Bureau of Statistics).

Year 1928	280,096 tons	Value	$10,586,000
1928 (Actual)	274,778 tons	Value	10,621,013

Cyprus

November 1928	2,010 tons (2240 lbs.)
*November 1927	*650 tons (2240 lbs.)*

NEWS OF THE INDUSTRY

Birthdays. We are glad to extend congratulations and best wishes to the following gentlemen on the occasion of their birthdays: E. M. Smith, President, Emsco Asbestos Company, Downey, Calif., whose birthday is January 15th; Henry W. Grebe, President, Central Asbestos & Magnesia Company, Chicago, Ill., January 21st; G. D. Crabbs, President, Philip Carey Company, Cincinnati, O., January 22nd; Benj. T. Conwell, Jr., President, Eternit, Inc., St. Louis, Mo., February 3rd; H. N. Dawes, President, Nightingale & Childs Company, Boston, Mass., February 5th; H. A. Hirschfeld, President, Standard Asbestos Co., Inc., New York City, N. Y., February 11th; Willard R. Platt, President and Secretary, Greene, Tweed & Co., New York City, February 11th; R. V. Aycock, President, R. V. Aycock Co., Kansas City, Mo., February 15th.

The Canadian Asbestos Company, has recently moved its Toronto, Ont., Canada, office to more modern and commodious quarters at 14 Front Street, East. The office was formerly located at 12 Front Street, East. Thos. A. Purcell is Manager of the office.

Merritt T. Rhodes, handler of mechanical rubber goods, piston and sheet packings of all descriptions, rubber hose, belting, etc., under the name of the Merritt Rubber & Equipment Company, is the proud papa of a son, John Bacon Rhodes, born November 9th, 1928.

The Ehret Magnesia Mfg. Company, is erecting at its plant at Valley Forge, Pa., a new boiler plant, and additions to their dryers, these improvements costing them approximately $250,000.

Keasbey & Mattison Company, has recently changed its method of merchandising in the Pacific Coast territory. Its sales arrangement with H. G. Sperry

Company, terminated on December 31st, 1928, and on January 1st, the Farrington Engineering Company, 1321 Palmetto Street, Los Angeles, became distributors for Keasbey & Mattison Company's textile and insulation products in the State of California. This arrangement does not include pharmaceutical and automotive products. Farrington Engineering Company have for some time been factory distributors for the Asbestos Shingle, Slate & Sheathing Company (an affiliation of Keasbey & Mattison Company).

The States of Washington, Oregon, Idaho, Nevada and Utah, formerly covered by H. G. Sperry Company will be served direct from the Main Office at Ambler until such time as distributors are obtained.

Southern Asbestos Company. Directors have ordered an extra 25 cent and initial semi-annual $1.25 dividends on capital stock, placing the issue on a $2.50 annual basis. Both dividends are payable January 15th to stock of record December 31st.

Keasbey & Mattison Company. W. H. Morris has been appointed Assistant General Superintendent of Keasbey & Mattison Company's plants. Mr. Morris formerly held the position of Chemist for the Keasbey & Mattison Company.

Freight Classification Changes. Docket No. 36 of the Consolidated Classification Committee reports a number of proposed changes in freight classifications on Asbestos and Allied Products, which may be of interest to the readers of "*Asbestos.*"

Insulating Material: Under L. C. L. shipments, it is proposed to retain the old classification but add wording to provide that this material may be shipped in "corrugated strawboard or fibre board wrapped bundles."

Fireplaces or Mantels, wood, asbestos covered. This commodity has not previously been specifically provided for, and it is proposed to hereafter give it the rating of 1½ in Official and Western Territories.

Asbestos Lumber, including flat, hard sheathing or wallboard, not ornamented, polished or shaped; proposed to allow L. C. L. shipments loose or in packages, where formerly L. C. L. shipments were required to be boxed or crated. The same to apply to Asbestos Roofing or Sheathing, hard, corrugated.

Packing Devices, Forms or Shapes, rings, spirals, tubes or other packing devices made of asbestos, fibres, fibreboard, leather, packing compounds, paper or other material except metal or rubber, separate or combined with metal reinforcement, Washers or Gaskets; it is proposed to give a rating of 1 in all three territories, these particular commodities not having been previously specifically provided for.

Beldam Asbestos Company, Limited, Hounslow, England, are erecting an addition to their works, and finding that this will prove inadequate to care for their constantly growing packing business, expect to build a second addition shortly.

C. Edelstein. It is reported that C. Edelstein, who was holding the option on Hopefield Estate, has exercised it and purchased the whole estate, comprising 8,000 morgen, with full

mineral rights, and has recently discovered a new reef of blue asbestos with a good percentage of blue fibre. The October output is stated as 24 tons, which was sold to the Hay District Asbestos Development Company, Griquatown, South Africa.

Nauga Asbestos Company, Limited, mention of which was made in our December number, has been successfully floated, according to the South African Mining and Engineering Journal. In addition to the Directors mentioned previously, Henry Sacke of 15 Sacke's Buildings, Johannesburg, has joined the Board.

African Asbestos Trust, incorporated in May 1928, has recently issued a report on progress so far made in the development of the fibre occurrences on the farm Kalkkloof in the Carolina District. This report, according to the Mining and Industrial Magazine, states that the work done during the six months of development confirms the opinion of the Consulting Engineer as to the extent and value of the asbestos bearing lodes as given in his original report. Approximately 870 feet per month of development work has been carried on during the six months of operation, and a small quantity of material, some of it hand-cobbed long staple fibres, has been sold in the London market. Material is of the Chrysotile variety. Compressor Plants and a pilot plant are being installed. Altogether the project appears to be a reliable one.

The Border (Southern Rhodesia) Chrysotile Asbestos Company, is the name of a new asbestos flotation, the property of which lies just across the Rhodesian border in the Protectorate. Capital for the venture was subscribed in Capetown.

Chrysotile Asbestos Co., Ltd. Report on this Company's property, by A. Mackie Ritchie, as published by the South African Mining & Engineering Journal, appears to regard the project as satisfactory. Water is said to be plentiful, a waterfall on the property could be used to develop power, the company owns a valuable timber plantation near its asbestos holdings; railway is at a distance of seven miles. The material is of the chrysotile variety.

Croft Mine, Filabusi. It is reported that a plant is to be erected at the Croft Mine. Tom Scott, of the Nil Desperandum has been appointed manager of the Croft. This mine is in the Turner group. The Regina Mine, in the Mashaba District, also belonging to the Turner group is said to be reopened.

Mashaba Rhodesian Asbestos Company, which was registered May 30th, 1928, held a statutory meeting in London on October 10th. The chairman, H. D. Lorimer, in addressing the meeting, stated that the company's holdings consisted of 25 asbestos blocks, covering 1,500 acres in the mining district of Mashaba, and connected with Fort Victoria station by a good road, passable at all times of the year. A central milling plant is being erected, capable of handling 200 tons a month. The properties are situated within a radius of six miles of this milling plant. The material is we believe of the Chrysotile variety.

The Rhodesian and General Asbestos Corporation, held its annual general meeting on October 16th, and a report is given

in the November issue of the Rhodesian Mining Journal.

Sir Edmund Davis, the Chairman, in his address to the meeting, advised that the directors recommended the payment of a final dividend for the year of 10 per cent, making 25 per cent for the twelve months comparing with 20 per cent for the previous year. He further stated that the directors considered they were fully justified in distributing £63,719 more than the profit actually made for the twelve months, in view of the greatly improved position of the company as already shown by the first six months of the company's financial year to the end of September, and with regard to the forward sales at enhanced prices, which should mean considerably larger profits than for the previous twelve months.

Sir Edmund called attention to the machinery, plant, power station, etc., erected at the several mines, also the large plants and pipelines being installed to provide Shabanie and Gath's mines with satisfactory and ample water supplies from the Lundie and Shashi Rivers. Additional claims have been pegged adjoining the mines composing the Shabanie group, on which the company believes there is possibility of locating further deposits of asbestos.

The holdings of the Rhodesian and General Asbestos Corporation are of the chrysotile variety.

South African Consolidated Asbestos. The S. A. Mining & Engineering Journal contains a very satisfactory report on the property of this Company made by the new Manager, Harris Friedman, N. Sc.

The material on this property is amosite and crocidolite. Development work is being done on this property and foundations for a milling plant are being laid.

The Central Asbestos Mines of S. A., Ltd., has been formed to operate upon Pietersburg amosite and crocidolite. The center of the prospecting and development operations which have led to its formation is the farm Holkloof No. 1581. This farm lies between the Chunes Asbestos property on the west, and the Selig, MacBean, S. A. Consolidated and other properties on the east. In addition options are held over some 2,000 claims situated on eight adjacent farms. The capital of the Company is £65,000 in 260,000 shares of 5s. each.

The Bunka Boeki Sho-Sha, Importers and Exporters of Tokyo, Japan, have moved their office to Yaesu Building, No. 1, 1-chome, Yaesu-cho, Kojimachi-ku, which can for facility's sake be briefly addressed as follows: Yaesu Building, Marunouchi, Tokyo.

The former address of this firm was Jiji Shimpo Bldg.

The Asbestos Shingle, Slate & Sheathing Company of Ambler, Pa., has recently issued some very attractive advertising literature, featuring Asbestos Shingles. "English Thatch Ambler Asbestos Shingles," "This Roof Defied the Tropics 20 years, "Your House—It's only as good as its roof," are the titles of some of the booklets.

Turner-Newall, Ltd. It is possible that some of our readers do not fully realize the tremendous interests brought together under one control, by the recent amalgamation of Bells United Asbestos Company and Turner-Newall, Limited.

The capital involved is, roughly, about Thirty Million Dollars. The amalgamated company is the largest manufacturer of asbestos, magnesia and allied products in the world, the following companies now being allied thru this amalgamation: Turner Brothers Asbestos Co., Ltd., Rochdale and Trafford Park, Manchester, Ferodo, Ltd., Chapel-en-le-Frith, Ferodo and Asbestos, Inc., New Brunswick, N. J., U. S. A., The Washington Chemical Co., Ltd., Washington Co., Durham, Newall's Insulation Co., Ltd., Washington Co., Durham, J. W. Roberts, Ltd., Leeds, African Asbestos Mining Co.., Ltd., Southern Rhodesia, New Amianthus Mines, Ltd., Transvaal, Dominion Blue Asbestos Mines (Proprietary), Ltd., Cape Province, The Elands Valley Transport Co. (Proprietary), Ltd., Transvaal, The Asbestos and Electrical Fittings Co., Ltd., London, Bell's United Asbestos Co., and its controlled and associated companies, Western Chemical Co., Paisley, Reid, McFarlane and Co., Reid, McFarlane, London, Reid, McFarlane & Co., Belfast, Carbon Cement Company, Thomas Anderson, Ltd.; Bell's United Asbestos Co., also holds controlling interests in Bell's Poilite and Everite, British Fibro Cement Works, Siluminite Insulator, British Fibro-Asbestos Products, Raybestos-Belaco, Potter's Asbestos, Bell's United Asbestos (India).

Charles S. Bell and G. H. Buxton of Bell's United Asbestos Company, will join the board of directors of Turner and Newall.

Johns-Manville Corporation. The S. S. Vestris tragedy, takes on an added interest to the Asbestos Industry, when we learn that C. A. Girvin, Sales Manager of the Foreign Division of the Johns-Manville Corporation, had planned to make the trip from Rio de Janeiro to Buenos Aires on this steamer, but pressing business in New York delayed the trip.

A small shipment of brake lining and insulating lumber consigned to the Johns-Manville office in Rio de Janeiro, went down with the ship.

Theodore F. Merseles, President of Johns-Manville Corporation, was recently elected a director of the Celanese Corporation of America (manufacturers of rayon yarns).

Johns-Manville Corporation, on January 1st discontinued their "Service Map" trade-mark and adopted in its place the distinctive hallmark shown in their advertisement on page 7. Dignified, simple, and easily distinguishable among the many trademarks of modern industry, they feel that in a short time the "J-M" trade mark will mean as much in its field as the famous "G-E" of General Electric does today.

J. S. Carroll, Vice President and General Sales Manager of the Industrial Department of Johns-Manville Corporation, was elected a Director of the American Petroleum Institute at its meeting at Stevens Hotel, Chicago, early in December. This election is a tribute to Mr. Carroll's close contact with the oil

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GASKETS, SEAMLESS AND JOINTED
PACKINGS, STEM AND HIGH PRESSURE
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NORTH WALES, — PENNA.

industry and the interest he has displayed in its problems.

Celite Corporation. The New York employees of the Celite Corporation have moved from their offices at 11 Broadway to the Johns-Manville building at 292 Madison Avenue.

S. A. Williams, Production Manager, has been elected Vice President and General Manager of the Celite Corporation, and Vice President of Johns-Manville, Incorporated, of California. He will have charge of all manufacturing and mining activities on the Pacific coast, reporting to W. R. Seigle.

P. A. Andrews, Sales Manager of the Pacific Division, Johns-Manville Corporation, has been appointed assistant to the Vice President in charge of sales, at the main office in New York City.

Franklin Shuey, Los Angeles District Sales Manager, Johns-Manville Corporation, has been promoted to the position of Sales Manager of the Pacific Division, Mr. Andrews' former position.

H. B. Heyn, Salesman in the Los Angeles District, Johns-Manville Corporation has been promoted to District Sales Manager, succeeding Mr. Shuey.

A. V. Farr, Sales Promotion Manager, Johns-Manville Corporation, has been promoted to Staff Manager of a new section of the General Merchandising Department, to be known as the House Insulation Section, which will handle mineral wool for house insulation.

K. R. Dyke, in addition to his duties as Advertising Manager, Johns-Manville Corporation, has been promoted to Sales Promotion Manager.

J. S. Adams, Assistant Advertising Manager, Johns-Manville Corporation, has been promoted to Assistant to Lewis H. Brown, Secretary.

A. R. Fisher, General Superintendent of Waukegan Factory, Johns-Manville Corporation, has been transferred to Lompoc, California.

A. S. Royal, Manager of the Philadelphia Branch of Johns-Manville Corporation, who has been very ill, having undergone an operation for gallstones during December, is much improved, and is now recuperating at his home in Haddon Heights, N. J.

Tariff. Hearings on Tariff Schedules began in Washington, D. C., on Monday, January 7th. The Chemical Division, under which Magnesia is properly placed, came up first. Asbestos will be heard in due course. Both the Asbestos and Magnesia Industry will be adequately represented at these hearings.

Hobdell, Way & Company, Limited, of London, England, have moved to 20 St. Clare Street, Minories, London. Their former address was 45 Church Street.

PATENTS

Track Pavement. No. 1,689,300. Granted on October 30th, to Homer L. Rogers, Cincinnati, O., assignor to Philip Carey Mfg. Company. Filed February 18, 1927. Serial No. 169,343.

Shingle. No. 1,689,290. Granted on October 30th, to Geo.

W. Mills, Jr., Cincinnati, O., assignor to Philip Carey Mfg. Company. Filed May 16, 1922. Serial No. 561,405. Flexible—not asbestos.

Railroad Crossing. No. 1,689,278. Granted on October 30th, to G. D. Crabbs, Cincinnati, O., assignor to Philip Carey Mfg. Co. Filed June 29, 1926. Serial No. 119,299. Not Asbestos.

Composite Sheet. No. 1,689,079. Granted on October 30th, to William R. Seigle, New York City, assignor to Johns-Manville Corporation. Filed October 5, 1921. Serial No. 505,535.

Described as sheet roofing comprising a felt in which mineral fibres of the Asbestos class predominate in quantity, with a minor proportion by weight of stiff, hairlike bodies, interspersed therethru, and an asphalt, substantially a solid at normal weather temperatures, occupying the inter-fibre voids.

Ready Roofing. No. 1,689,985. Granted on October 30th to Henry R. Wardell, New York, assignor to Johns-Manville Corporation. Filed November 23, 1921. Serial No. 517,258.

Described as a prepared roofing of laminated structure, comprising a sheet composed of a mixture of asbestos fibre and cattle hair, impregnated with an asphaltic waterproofing compound, a layer of adhesive asphalt covering the said sheet, upon one side of the same, and a layer of grit adhering to and covering the said adhesive asphalt layer.

Magnesia Product. No. 1,690,771. Granted on November 6th, to Thomas S. Curtis, Huntington Park, Calif., assignor to the Pacific S. W. Trust & Savings Bank, Trustee, Los Angeles, Calif. Filed April 7, 1925. Serial No. 21,348.

Described as a magnesia product consisting of Magnesia which has been heated sufficiently to convert the same substantially wholly to periclase without fusion thereof.

Insulating Structure. No. 1,691,783. Granted on November 13th to Oliver F. Mottweiler and Daniel C Drill, Alexandria, Ind., assignors to General Insulating & Mfg. Company of Alexandria, Ind. Filed November 25, 1927. Serial No. 235,552. (Not Asbestos).

Packing Rack. Design No. 76,906. Granted on November 13th to John H. Victor, Chicago, assignor to Victor Mfg. & Gasket Co. Filed March 23, 1927. Serial No. 21,283. Term of patent 14 years.

Friction Element and Process of Producing Same. No. 1,692,136. Granted on November 20th, to Izador J. Novak, Bridgeport, Conn., assignor to Raybestos Company, Bridgeport. Filed Feb. 26, 1923. Serial No. 621,487. Renewed December 22, 1927.

Described as a friction element having an Asbestos base containing a binder, the solid residue of waste sulphite liquor, produced by drying of the liquor.

THIS AND THAT

A Good New Year's Resolution: My material is worth what I ask for it. The buyer is lucky to get it at that figure. I will not cut the price.

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We are particularly grateful for the constant co-operation accorded us by many members of the Asbestos Industry, in making the magazine "ASBESTOS," a real source of information, news, and discussion.

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Or Asbestos Sheets

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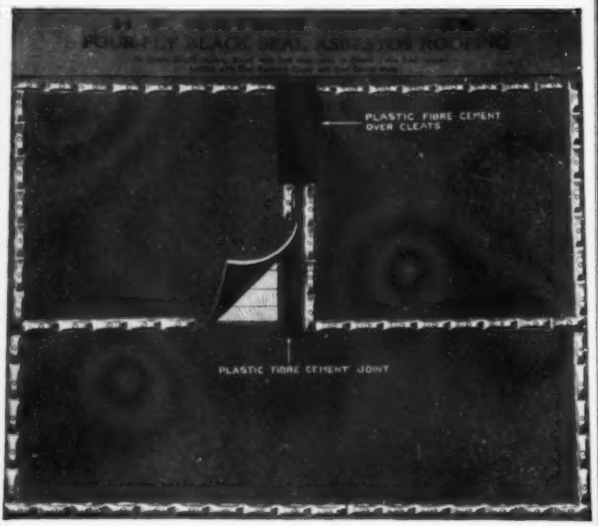

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